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## WHAT IS CLAIMED IS:

1. A disposable diaper comprising:

Sub 910  
910 a cover member having front and rear waist regions and  
5 a crotch region;

a body fluid absorbent member attached to an inner side  
of said cover member;

099755-43994  
10 said body fluid absorbent member extending in a  
longitudinal direction across said crotch region into said  
front and rear waist regions, having front and rear end portions  
fixed to the inner surface of said cover member at said front  
and rear end portions thereof; and

15 said body fluid absorbent member including, a liquid-  
pervious topsheet to be placed against a wearer's body, a  
backsheet to be placed against said inner surface of said cover  
member and a body fluid absorbent core disposed between these  
two sheets and being formed on a side of said backsheet with  
grooves concaved in a direction from said backsheet toward said  
topsheet and extending in a predetermined.

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Sub 911  
911 2. A disposable diaper according to claim 1, wherein said  
grooves extend in at least one of said longitudinal direction  
and a direction being orthogonal to said longitudinal

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direction.

*Sub a12*  
*a12*  
3. The disposable diaper according to Claim 1, wherein said groove comprises a first groove extending in said longitudinal direction across said crotch region into said front and rear waist regions and a second groove extending in said direction orthogonal to the first groove so that said first and second grooves intersect one another and said second groove extends to transversely opposite side edge portions of said body fluid absorbent member.

*Sub a13*  
*a13*  
4. The disposable diaper according to Claim 1, wherein said body fluid absorbent member is formed on the side of said topsheet with a third groove concaved in a direction from said topsheet toward said backsheet and extending in said longitudinal direction across said crotch region into said front and rear trunk regions.

*Sub a14*  
*a14*  
5. The disposable diaper according to Claim 4, wherein said third groove is positioned substantially in the same position as conformity to that of said first groove.

*Sub a15*  
*a15*  
6. The disposable diaper according to Claim 3, wherein said

~~e is disposed  
d second groove~~

Sub 916<sup>5</sup>

Disposable diaper according to the absorbent member is detailed in the following figures.

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